

ABSTRACT OF THE DISCLOSURE

Constructs consisting of antigen-based heteropolymers (AHP's) are provided. The antigen-based heteropolymers comprise at least one monoclonal antibody specific for binding to complement receptor (CR1) site on a human or non-human primate erythrocyte, and the anti-CR1 monoclonal antibody is crosslinked to an antigen specific for a target pathogenic autoantibody. Further provided is a method for treating autoimmune diseases in human or non-human primates using the AHP.